

**FAMOUS FOR INK**

**GEM<sup>®</sup>**

# *alphaJETtempo*

*Speed and Precision*

## TECHNICAL DATA

Print resolution:	24 dots in vertical direction
Type height:	0.8 - 15 mm, max. 4 lines (5 x 5 Matrix)
Print speed:	Up to 3500 characters/sec.
Print head distance:	1 - 25 mm
Barcode:	Barcode advanced
Logo possible:	yes
Password protection:	yes
Ink types:	Pigmented / non pigmented
Protection class:	IP 65
Dimensions:	Control unit: 320 x 320 x 700 mm (L x W x H, incl. operator terminal), 31 kg; Print head: 40 x 40 x 145 mm (L x W x H), 2 kg, supply tube 4 m
Ink system:	1-litre bottles for ink, easy to change. No requirement for compressed air
Working conditions:	Operating temperature: + 5° to + 45° C, max. 90 % relative air humidity, non-condensing
Connected loads:	86 - 264 V ± 10 %, 50 - 60 Hz, maximum power consumption 0,5 A / 230 V or 1,0 A / 110 V
Safety standard:	Ink return control; automatic viscosity and ink level control; remote monitoring of printing errors; separation of the electronics and ink systems; practically zero emissions thanks to solvent recovery
Noise level:	< 60 dB (A)



ALPHAJET TEMPO  
CONTINUOUS INKJET SYSTEM

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CONTINUOUS INKJET SYSTEM



## COMPACT PRINT HEAD DESIGN AND INTELLIGENT INK SYSTEM

- Print head installable in any position
- Minimal tubing and wiring
- Easy to clean
- Nozzle lock -> Quick start and shut down routines
- Head heater -> uniform droplet formation
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- Individual components combined as modular blocks
- Solvent consumption only 2 ml/h at 20°C
- Easily removable ink system
- Print head quick-change mount

## SIMPLE, INTUITIVE OPERATION AND INNOVATIVE TEXT FEATURES

- 10.4" TFT touchscreen display (800 x 600 px) with user-friendly interface
- Resistive Touch
- Can be removed and tilted
- Solvent resistant
- Graphical interface (WYSIWYG)
- Modern design
- IP 65 rated construction
- Operating temperatures +5° to +45° C
- Free choice of print matrix
- Any matrix combination possible within one text
- Automatic date, expiry date, Julian date, continuous numbering, time, shift identification, barcodes, data matrix codes, logos, etc.
- Printing of True Type fonts



## EASY NETWORK INTEGRATION AND EASE OF MAINTENANCE

Interfaces and I/O standard:

- Ethernet 100 BASE-T
- 2 x RS 232
- 2 parallel inputs (product sensor, encoder)
- Remote socket
- Digital I/O port with 8 x in and 4 x out
- Alarm relay
- USB connection
- Integrated uninterruptible power supply (UPS)
- No requirement for compressed air



**GEM**

CALL NOW TO SET UP AN APPOINTMENT  
OR REQUEST ADDITIONAL INFORMATION

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